

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071724\
 Data File : VU060005.D
 Acq On : 17 Jul 2024 19:41
 Operator : MD/SY
 Sample : P3260-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E08F4MS

Quant Time: Jul 18 02:51:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 02:31:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	217814	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	223264	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116360	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54368	38.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.760%
7) Chloroethane-d5	1.901	69	49007	41.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.320%
11) 1,1-Dichloroethene-d2	2.560	63	100138	40.304	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.600%
21) 2-Butanone-d5	4.612	46	106403	109.478	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.480%
24) Chloroform-d	5.052	84	124275	45.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.780%
26) 1,2-Dichloroethane-d4	5.692	65	73990	45.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
32) Benzene-d6	5.718	84	233116	40.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.540%
36) 1,2-Dichloropropane-d6	6.682	67	76687	43.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	7.891	98	216580	39.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.680%#
43) trans-1,3-Dichloroprop...	8.174	79	33696	40.696	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.400%
47) 2-Hexanone-d5	8.624	63	72352	97.024	ug/L	-0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	136420	50.231	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.460%
66) 1,2-Dichlorobenzene-d4	12.187	152	90342	42.251	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	64098	47.384	ug/L	97
3) Chloromethane	1.515	50	72535	54.643	ug/L	97
5) Vinyl chloride	1.599	62	82410	52.885	ug/L	100
6) Bromomethane	1.840	94	49912	60.978	ug/L	97
8) Chloroethane	1.920	64	53163	52.403	ug/L	98
9) Trichlorofluoromethane	2.129	101	108774	50.138	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	68532	49.627	ug/L	99
12) 1,1-Dichloroethene	2.570	96	60651	46.962	ug/L	94
13) Acetone	2.618	43	73375	73.316	ug/L	95
14) Carbon disulfide	2.785	76	149523	45.871	ug/L	97
15) Methyl Acetate	2.940	43	68436	45.355	ug/L	100
16) Methylene chloride	3.036	84	80065	49.163	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	63779	47.969	ug/L	98
18) Methyl tert-butyl Ether	3.354	73	206304	47.773	ug/L	99
19) 1,1-Dichloroethane	3.859	63	131591	52.183	ug/L	97
20) cis-1,2-Dichloroethene	4.657	96	79234	49.214	ug/L	98
22) 2-Butanone	4.692	43	113997	92.580	ug/L	100
23) Bromochloromethane	4.965	128	44608	52.529	ug/L	94
25) Chloroform	5.078	83	144863	53.384	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	103981	50.475	ug/L	99
29) Cyclohexane	5.380	56	85417	42.727	ug/L	97
30) 1,1,1-Trichloroethane	5.306	97	110652	47.840	ug/L	99
31) Carbon tetrachloride	5.515	117	92122	48.217	ug/L	99
33) Benzene	5.766	78	296665	49.206	ug/L	100
34) Trichloroethene	6.538	95	74784	46.482	ug/L	97
35) Methylcyclohexane	6.756	83	91926	41.371	ug/L	100
37) 1,2-Dichloropropane	6.782	63	83873	50.542	ug/L	99
38) Bromodichloromethane	7.100	83	111321	52.942	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	110974	43.708	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	210851	100.529	ug/L	98
42) Toluene	7.962	91	323014	49.077	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	108661	46.591	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	88449	50.893	ug/L	99
46) Tetrachloroethene	8.547	164	83775	63.296	ug/L	98
48) 2-Hexanone	8.676	43	173205	98.671	ug/L	97
49) Dibromochloromethane	8.801	129	94315	55.078	ug/L	99
50) 1,2-Dibromoethane	8.917	107	90531	49.821	ug/L	99
51) Chlorobenzene	9.441	112	206270	47.206	ug/L	98
52) Ethylbenzene	9.566	91	321688	45.768	ug/L	99
53) m,p-Xylene	9.689	106	122611	44.803	ug/L	100
54) o-Xylene	10.094	106	141392	53.727	ug/L	97
55) Styrene	10.110	104	221910	49.982	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	157144	53.617	ug/L	98
59) Bromoform	10.283	173	77748	55.260	ug/L	99
60) 1,2,3-Trichloropropane	10.817	75	116144	52.593	ug/L	99
61) Isopropylbenzene	10.480	105	316714	46.693	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	219366	44.179	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	238935	44.924	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	164838	46.860	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	166338	45.742	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	170172	47.888	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	33277	55.101	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	110354	43.511	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	92062	40.274	ug/L	99
71) Naphthalene	14.081	128	285051	43.151	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	100782	43.943	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

